

54425 OREC

Work Order ID 52015



Page 1

November 25, 2009 9:45:48 AM

Item ID: D412-791-049

Accept



Setup Start



Revision ID: B

Stop



Item Name: Standy Attitude Battery Monitoring Assembly

Start Date: 11/09/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 09/10/2009 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date: 09-11-25

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

IIN-D412-791

B

100

0.00



DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPP 412-791-049 CHG001

S0912/08

105

Pick Kit

0.00



Packaging

Packaging

Memo

0.00

C 9/12/08 C

110

QC4- 100% Inspect kits for completeness

0.00



QC

Quality Control

Memo

0.00

⇒ S0912/08

40

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 52015

November 25, 2009 9:45:48 AM



Page 2

Item ID: D412-791-049

Accept



Setup Start



Revision ID: B

Stop



Item Name: Standby Attitude Battery Monitoring Assembly

Start Date: 11/09/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 09/10/2009 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

120

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-791-049

Location: _____

PPP Rev: _____

130

0.00



QC

QC21- Final Inspection - Work Order Release

Memo

0.00

Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 1

Work Order ID: 52015

Parent Item: D412-791-049RevB

Parent Item Name: Standy Attitude Battery Monitoring Assembly

Start Date: 11/09/2009

Required Date: 09/10/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
18-200 Quick Connector, Plug		Purchased	No			110	Each	7.0000	1.0000			

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

7

112618

7

IN4007

Purchased

No

110

Each

22.0000

5.0000

11/26/18

Diode

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

22

112515

22

80-004-2-6

Purchased

No

110

Each

139.0000

3.0000

11/20/18

Insert

Warehouse
Location

Loc Qty

Loc Code

Premier

Mezz

1

111506

1

Main Warehouse

ST

138

112214

14

112279

24

113109

100

11/22/14

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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November 25, 2009 9:45:55 AM

Work Order ID: 52015

Parent Item: D412-791-049RevB

Parent Item Name: Standby Attitude Battery Monitoring Assembly


Start Date: 11/09/2009

Required Date: 09/10/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
S D3897-1RevB  Angle		Manufactured	No			110	Each	8.0000	1.0000			

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

8

53032

8

* D3938-1RevB

Placard

Manufactured No

110

Each

0.0000

1.0000

53032

B48510

LED-50-17-HK-E0700

Purchased No

110

Each

6.0000

1.0000

S 

Annunciator (STBY BATT)

9/10/09 ①

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

6

111788

1

112020

5

11/20/09

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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November 25, 2009 9:45:55 AM

Work Order ID: 52015

Parent Item: D412-791-049RevB

Parent Item Name: Standy Attitude Battery Monitoring Assembly



Start Date: 11/09/2009

Required Date: 09/10/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
M12883/45-01		Purchased	No			110	Each	8.0000	1.0000			
												
Relay Base												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

MAT

4

112014

4

Main Warehouse

ST

4

112718

4

M81714/16-3

Purchased

No

110

Each

5.0000

1.0000

Terminal Blocks track

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

5

111184

1

112718

4

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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November 25, 2009 9:45:55 AM

Work Order ID: 52015

Parent Item: D412-791-049RevB

Parent Item Name: Standy Attitude Battery Monitoring Assembly

Start Date: 11/09/2009

Required Date: 09/10/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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M81714/2-DC1 Purchased No



Terminal Blocks

110 Each 6.0000 2.0000

2.0000



M113367

11/12/09

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

6

112718

6

M81714/2-DD2 Purchased No



Terminal Blocks

110 Each 4.0000 1.0000

1.0000



Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

4

112718

4

M83536/2-024 Purchased No



Relay

110 Each 13.0000 1.0000

1.0000



Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

13

112014

5

112718

8

M112718

M112014

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

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November 25, 2009 9:45:55 AM

Work Order ID: 52015

Parent Item: D412-791-049RevB

Parent Item Name: Standy Attitude Battery Monitoring Assembly


Start Date: 11/09/2009

Required Date: 09/10/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L06  Nut		Purchased	No			110	Each	348.0000	2.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	348	
110123	11	
110731	14	
111548	1	
112243	22	
112369	100	
112433	100	
112465	100	

MS24693-S26



Screw

Purchased

No

110

Each

184.0000

2.0000

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	184	
112019	84	
112719	100	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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NOTE: Date & initial all entries

Picklist Print

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November 25, 2009 9:45:55 AM

Work Order ID: 52015

Parent Item: D412-791-049RevB

Parent Item Name: Standby Attitude Battery Monitoring Assembly


Start Date: 11/09/2009

Required Date: 09/10/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Reste Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS35207-260  Screw		Purchased	No			110	Each	118.0000	3.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	118	
112719	100	
155	18	

NAS1149D0363J  Washer		Purchased	No			110	Each	210.0000	3.0000			
--	--	-----------	----	--	--	-----	------	----------	--------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	210	
113064	210	

NAS1149DN632J  Washer		Purchased	No			110	Each	100.0000	3.0000			
--	--	-----------	----	--	--	-----	------	----------	--------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	100	
112794	100	

November 25, 2009 9:45:55 AM

Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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November 25, 2009 9:45:55 AM

Work Order ID: 52015



Parent Item: D412-791-049RevB



Parent Item Name: Standy Attitude Battery Monitoring Assembly


Start Date: 11/09/2009

Required Date: 09/10/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
HW210  Resistor, 1k ohms		Purchased	No			100	Each	5.0000	1.0000			

PC 9/12/09 (1)

WarehouseLoc QtyLoc CodeLocation

Main Warehouse

ST

5

112736

5

M112736

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY
S

7.0 PARTS LIST

QTY -011	QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
X						D412-791-011	SAFETY ENHANCEMENT KITS COMPLETE
1	X					D412-791-041	FLASHLIGHT KIT
1		X				D412-791-043	MAPBOX KIT
1			X			D412-791-045	EXIT ILLUMINATION KIT
1				X		D412-791-047	PITOT HEAT MONITORING KIT
1					X	D412-791-049	STANDBY ATTITUDE BATTERY MONITORING KIT
	2					D3921-1	FLASHLIGHT
	4					D3922-1	CLIP
	2					D3923-1	ANGLE
	4					D3924-1	SHIM
	8					MS20426AD3-6	RIVETS
	6					MS20470AD4-5	RIVET
	4					MS21059-L3	ANCHOR NUT
	4					MS35207-264	SCREW
		1				D3936-041	MAPBOX
		4				MS35207-244	SCREW
			16			D3937-041	PHOTOLUMINESCENT STRIPS
			90			D3950-1	RIVET (INCLUDES 10 EXTRA)
				1		18-200	CONNECTOR
				4		1N4007	DIODE
				3		80-004-2-6	POTTED INSERTS
				2		D3896-1	RELAY
				1		D3897-1	ANGLE
				1		LED-50-17-BG-E0705	ANNUNCIATOR
				1		M12883/45-01	RELAY BASE
				1		M81714/16-3	TERMINAL BLOCKS TRACK
				2		M81714/2-DC1	TERMINAL BLOCKS
				1		M81714/2-DD2	TERMINAL BLOCKS

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Revision: B

Date: 09. 07.22

52015

QTY -011	QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
				1		M83536/2-024	RELAY
				2		MS21042L06	NUT
				4		MS21042L08	NUT
				1		MS24524-23	SWITCH, DPDT
				1		MS24524-31	SWITCH, DPDT
				2		MS24693S26	SCREW
				15		MS25036-102	TERMINAL LUGS, #6
				4		MS27039-0814	SCREW
				3		MS35207-260	SCREW
				3		NAS1149D0363J	WASHER
				2		NAS1149DN632J	WASHER
				8		NAS1149DN832J	WASHER
				1		HW210	RESISTOR, 1K OHMS
				1		18-200	CONNECTOR
				5		1N4007	DIODE
				3		80-004-2-6	POTTED INSERTS
				1		D3897-1	ANGLE
				1		D3938-1	DECAL
				1		LED-50-17-HK-E0700	ANNUNCIATOR (STBY BATT)
				1		M12883/45-01	RELAY BASE
				1		M81714/16-3	TERMINAL BLOCKS TRACK
				2		M81714/2-DC1	TERMINAL BLOCKS
				4		M81714/2-DD2	TERMINAL BLOCKS
				1		M83536/2-024	RELAY
				2		MS21042L06	NUT
				2		MS24693S26	SCREW
				3		MS35207-260	SCREW
				3		NAS1149D0363J	WASHER
				2		NAS1149DN632J	WASHER
				1		HW210	RESISTOR, 1K OHMS

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